

# TOSHIBA

Leading Innovation >>>

## Toshiba Solutions

Retail – 'flexible' systems help new look stores to expand

### Equipment:

Toshiba R410A Digital  
Inverter Split system  
R410A VRF SMMS  
Cassettes  
Ducted units



### Application details

The new WHSmith at Meadowhall is a greatly expanded unit and is expected to increase in size still further. It is one of the first of a new design of WHSmith's interiors, with a large 'open plan' entrance area and new 'library-style' attractive wooden book shelving, as well as a café within the store space.

Toshiba Digital Inverter Split system air conditioning has been used in combination with a larger Toshiba VRF system to provide the flexibility of installation and service that was required by WHSmith for its Meadowhall store in Sheffield. This store is next door to a large 'new look' Boots store that also relies on Toshiba air conditioning systems for its environmental comfort control.

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### Solution

The twelve Toshiba Split systems with cassette indoor units provide several types of flexibility.

Each one-to-one Split system serves a particular area and if, for example, power were to be lost in part of the store, air conditioning would still be available from other units.

Temperatures can be varied, if required, within different areas of the shop. The air conditioning units can also be relocated easily if the layout changes.

Additional ducted Split systems were more appropriate in the part-glazed café area rather than cassettes. The ducted Toshiba SMMS VRF system with its larger capacity and air volumes suited the entrance area, which is expected to expand further.

All of the systems are interfaced with a single Trend central controller. The controls are set within the plant room but can be remotely accessed to assist maintenance or to override the local settings.

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*Both shops are served by Toshiba systems*



*The VRF system provides flexibility for further extension of the shop unit*

**TOSHIBA AIRCONDITIONING**

Advancing the **eco**-evolution